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OFFICE OF PETITIONS

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: : Ristic, et al.  
SERIAL NO: : 09/810,764  
FILED: : March 16, 2001  
TITLE: : MAIZE CHLOROPLAST PROTEIN SYNTHESIS ELONGATION  
FACTORS AND METHODS OF USE FOR SAME  
Grp./A.U. : 1646  
Conf. No: : 7108  
Docket No. : P03965US1

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JAN 22 2002

PETITION TO ACCEPT PHOTOGRAPHS AS DRAWINGS  
(37 C.F.R. 1.84(b))

TECH CENTER 1600/2900

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

ATTN: Official Draftsperson

Dear Sir:

1. Petition is hereby made to accept photographs in this case.
2. One (1) set of black and white photographs is submitted herewith (8 pages).
3. The reason why photographs are necessary in this case is as follows:

Figure 1 is an autoradiograph showing subcellular distribution of 45 kD HSPs (EF-Tu) in the leaves of ZPBL 1304 maize line (analyzed by 1-dimensional gel electrophoresis of [<sup>35</sup>S]-labeled proteins).

01/18/2002 FFANREIA 00000023 09810764

01 FC:122

130.00 DP

Adjustment date: 07/10/2002 AKELLEY

01/18/2002 FFANREIA 00000023-09810764

01 FC:122

-130.00 DP

Repln. Ref: 07/10/2002 AKELLEY 0010542400

DAJ:260084

Name/Number: 09810764

FC: 704

\$130.00 CR

CERTIFICATE OF MAILING (37 C.F.R. § 1.8(a))

I hereby certify that this PETITION TO ACCEPT PHOTOGRAPHS AS DRAWINGS is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner of Patents and Trademarks, Attn: Official Draftsperson, Washington, D.C. 20231 this 22 day of October, 2001.

Heidi S Nebel

Figure 2 is an autoradiograph of chloroplast proteins (A) and cytosolic proteins (B) from heat-shocked plants (analyzed by 2-dimensional gel electrophoresis of [<sup>35</sup>S]-labeled proteins).

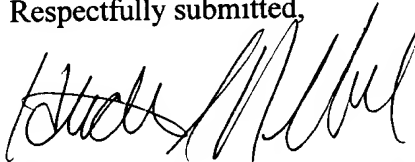
Figure 3 is an autoradiograph showing protein synthesis by isolated chloroplasts of ZPBL 1304 at 45°C (lane 1-6) and 25°C (lane 7).

Figure 4 is a Northern blot analysis of total RNA from the control and heat stressed plants of the ZPBL 1304 maize line.

Figure 6 is a depiction of the heat-induced accumulation of maize EF-Tu and damage to the thylakoid membranes in maize hybrids with contrasting heat tolerance.

4. A check in the sum of \$130.00 is attached for the petition fee (37 C.F.R. 1.17(h)). Please charge Account 26-0084 for any fee deficiency, or credit said Account for any overpayment.

Respectfully submitted,



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